

Doteck

Doteck D4 Series

JPEG-XS ST 2110 4K UHD Live Stream Pulling Decoder



Features

- (1) Industrial grade 19 inch 1U standard equipment with built-in dual power supply
- (2) Web-based remote network management software
- (3) Support video format input such as JPEG-XS, H.265/HEVC, H.264/AVC, MPEG2, AVS+, AVS, AVS2 (optional)
- (4) Support audio format inputs such as MPEG-1 layer 2, MPEG-1 layer 3, LC-AAC, HE-AAC, AC3, EAC3, PCM, etc.
- (5) Support 1-channel 12G-SDI, or 2-channel 6G-SDI, or 4-channel 3G/HD/SD-SDI output
- (6) Support 2160p, 1080p, 1080i, 720p, 576i, 480i video output
- (7) Support SFP optical interface input of 10GBE or 25GBE
- (8) Support SMPTE ST2110-22 standard protocol input, support SMPTE ST2110-10/20/30/40 protocol input
- (9) Support UDP, RTP, RTSP, RTMP, HTTP, SRT network protocol input
- (10) Support SMPTE 2059 PTP clock timing
- (11) Support two gigabit ethernet ports, can be flexible configuration of IP

program input physical channels

(12) Support software function customization such as platform logo overlay

Introduction

Dotek D4 series JPEG-XS ST 2110 4K UHD live stream pulling decoder can decode mainstream video compression standard streams such as JPEG-XS, H.265/HEVC, H.264/AVC, AVS, AVS+, AVS2 (optional). Under the harsh conditions of low network bandwidth, it also has excellent video and audio fault tolerant capacity. It can adapt to various complex network audio and video application environments and supports multiple protocol input: UDP, RTP, RTSP, RTMP, HTTP, SRT, etc..

Technical Specifications

IP stream input	
Input interface	10GBE/25GBE SFP optical interface
Channel	One 4K IP stream or 4-channel high-definition IP stream
JPEG-XS input protocol	SMPTE ST2110-22, ST2110-10/20/30/40
Network protocol	UDP, RTP, RTSP, RTMP, HTTP, SRT
Video format	JPEG-XS, H.265/HEVC, H.264/AVC, AVS, AVS+, AVS2 (optional)
Audio format	MPEG-1 layer 2, MPEG-1 layer 3, LC-AAC, HE-AAC, AC3, EAC3, PCM
Transport stream format	SPTS, MPTS, FLV, HLS
Decoding output	
Interface	BNC
Channel	1-channel 12G-SDI, or 2-channel 6G-SDI, or 4-channel 3G/HD/SD-SDI
Output resolution	2160p60/50/30/25 1080p60/50/30/25 1080i60/50 720p60/50/30 576p25, 480p30

	576i50, 480i60
Control	
Management	Web-based remote network management software
Physical	
Dimension(H×W×D, mm)	44×433×498(mm)
Operation temperature	0-50℃
Relative humidity	0-95%, non-condensing
Power supply	130-260VAC, 50/60Hz

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